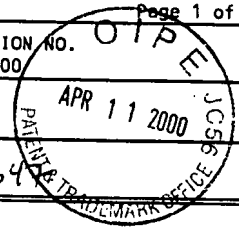


FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringhurst *et al.*FILING DATE
November 23, 1999GROUP
1645 1647

Page 1 of 17



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

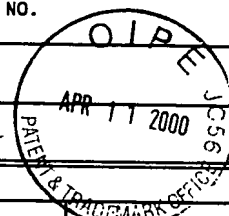
SLW	AR	1	Abou-Samra, A.-B., <i>et al.</i> , "Expression cloning of a common receptor for parathyroid hormone and parathyroid hormone-related peptide from rat osteoblast-like cells: A single receptor stimulates intracellular accumulation of both cAMP and inositol triphosphates and increases intracellular free calcium," <i>PNAS USA</i> 89:2732-2736 (April 1992)
	AS	1	Azarani, A., <i>et al.</i> , "Structurally Diverse N-terminal Peptides of Parathyroid Hormone (PTH) and PTH-related Peptide (PTHrP) Inhibit the NA ⁺ /H ⁺ Exchanger NHE3 Isoform by Binding to the PTH-PTHrP Receptor Type I and Activating Distinct Signaling Pathways," <i>J. Biol. Chem.</i> 271:14931-14936 (June 1996)
	AT	1	Bos, M.P., <i>et al.</i> , "Expression of the Parathyroid Hormone Receptor and Correlation with Other Osteoblastic Parameters in Fetal Rat Osteoblasts," <i>Calcif. Tissue Int.</i> 58:95-100 (February 1996)

EXAMINER

DATE CONSIDERED 8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringhurst et al.FILING DATE
November 23, 1999GROUP
1646 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	2	Bringhurst, F.R., et al., "Cloned, Stably Expressed Parathyroid Hormone (PTH)/PTH-Related Peptide Receptors Activate Multiple Messenger Signals and Biological Responses in LLC-PK ₁ Kidney Cells," <i>Endocrinol.</i> 132:2090-2098 (May 1993)
	AS	2	Chakravarthy, B.R., et al., "Parathyroid Hormone Fragment [3-34] Stimulates Protein Kinase C (PKC) Activity in Rat Osteosarcoma and Murine T-Lymphoma Cells," <i>Biochem. Biophys. Res. Comm.</i> 171:1105-1110 (September 1990)
	AT	2	Civitelli, R., et al., "PTH elevates inositol polyphosphates and diacylglycerol in a rat osteoblast-like cell line," <i>Am. J. Physiol.</i> 255:E660-E667 (November 1988)

EXAMINER

Sandra Wegert

DATE CONSIDERED 8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999GROUP
1646-1647

APR 11 2000

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	3	Cole, J.A., et al., "Regulation of Sodium-Dependent Phosphate Transport by Parathyroid Hormone in Opossum Kidney Cells: Adenosine 3', 5'-Monophosphate-Dependent and -Independent Mechanisms," <i>Endocrinol.</i> 122:2981-2989 (June 1988)
	AS	3	Donahue, H.J., et al., "Differential Effects of Parathyroid Hormone and Its Analogues on Cytosolic Calcium Ion and cAMP Levels in Cultured Rat Osteoblast-like Cells," <i>J. Biol. Chem.</i> 263:13522-13527 (September 1988)
	AT	3	Dunlay, R., and Hruska, K., "PTH receptor coupling to phospholipase C is an alternate pathway of signal transduction in bone and kidney," <i>Am. J. Physiol.</i> 258:F223-F231 (February 1990)

EXAMINER

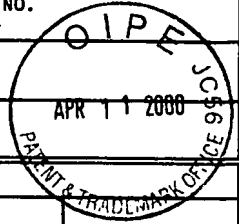
DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999GROUP
1646 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	4	Fujimori, A., et al., "Dissociation of Second Messenger Activation by Parathyroid Hormone Fragments in Osteosarcoma Cells," <i>Endocrinol.</i> 128:3032-3039 (June 1991)
	AS	4	Fujimori, A., et al., "Structure-Function Relationship of Parathyroid Hormone: Activation of Phospholipase-C, Protein Kinase-A and -C in Osteosarcoma Cells," <i>Endocrinol.</i> 130:29-36 (January 1992)
	AT	4	Gardella, T.J., et al., "Analysis of Parathyroid Hormone's Principal Receptor-Binding Region by Site-Directed Mutagenesis and Analog Design," <i>Endocrinol.</i> 132:2024-2030 (May 1993)

EXAMINER

DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999GROUP
1646 1647

APR 11 2000

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	5	Goltzmann, D., et al., "Analysis of the Requirements for Parathyroid Hormone Action in Renal Membranes with the Use of Inhibiting Analogues," <i>J. Biol. Chem.</i> 250:3199-3203 (April 1975)
	AS	5	Goud, N.A., et al., "Solid-Phase Synthesis and Biologic Activity of Human Parathyroid Hormone (1-84)," <i>J. Bone Min. Res.</i> 6:781-789 (August 1991)
	AT	5	Guo, J., et al., "Parathyroid Hormone (PTH)/PTH-Related Peptide Receptor Density Modulates Activation of Phospholipase C and Phosphate Transport by PTH in LLC-PK1 Cells," <i>Endocrinol.</i> 136:3884-3891 (September 1995)

EXAMINER

Sandra Weger

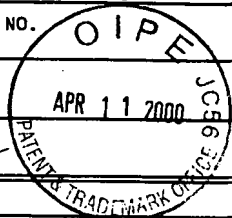
DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999GROUP
1646 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	6	Hilliker, S., et al., "Truncation of the Amino Terminus of PTH Alters Its Anabolic Activity on Bone In Vivo," <i>Bone</i> 19:469-477 (November 1996)
	AS	6	Iida-Klein, A., et al., "Mutations in the Second Cytoplasmic Loop of the Rat Parathyroid Hormone (PTH)/PTH-related Protein Receptor Result in Selective Loss of PTH-stimulated Phospholipase C Activity," <i>J. Biol. Chem.</i> 272:6882-6889 (March 1997)
	AT	6	Inomata, N., et al., "Characterization of a Novel Parathyroid Hormone (PTH) Receptor with Specificity for the Carboxyl-Terminal Region of PTH-(1-84)," <i>Endocrinol.</i> 136:4732-4740 (November 1995)

EXAMINER

Sandra Wiegert

DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

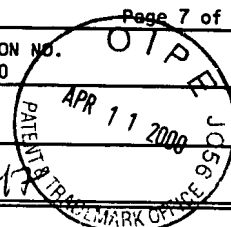
FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999

GROUP

1645 1647



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	Z	Janulis, M., et al., "Structure-Function Requirements of Parathyroid Hormone for Stimulation of 1,25-Dihydroxyvitamin D ₃ Production by Rat Renal Proximal Tubules," <i>Endocrinol.</i> 133:713-719 (August 1993)
	AS	Z	Jobert, A.-S., et al., "Parathyroid Hormone-Induced Calcium Release from Intracellular Stores in a Human Kidney Cell Line in the Absence of Stimulation of Cyclic Adenosine 3',5'-Monophosphate Production," <i>Endocrinol.</i> 138:5282-5292 (December 1997)
	AT	Z	Jouishomme, H., et al., "The Protein Kinase-C Activation Domain of the Parathyroid Hormone," <i>Endocrinol.</i> 130:53-60 (January 1992)

EXAMINER

Sandra Wegert

DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringhurst *et al.*FILING DATE
November 23, 1999GROUP
1646

APR 11 2000

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	8	Jouishomme, H., <i>et al.</i> , "Further Definition of the Protein Kinase C Activation Domain of the Parathyroid Hormone," <i>J. Bone Min. Res.</i> 9:943-949 (June 1994)
	AS	8	Jüppner, H., <i>et al.</i> , "A G Protein-Linked Receptor for Parathyroid Hormone and Parathyroid Hormone-Related Peptide," <i>Science</i> 254:1024-1026 (November 1991)
	AT	8	Kimura, T., <i>et al.</i> , "Strategy for the Synthesis of Large Peptides: An Application to the Total Synthesis of Human Parathyroid Hormone [hPTH(1-84)]," <i>Biopolymers</i> 20:1823-1832 (September 1981)

EXAMINER

Sandra Wegert

DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999GROUP
1646 1647

APR 11 2000

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	2	Kronenberg, H.M., et al., "The PTH/PTHrP Receptor: One Receptor for Two Ligands," in <i>Molecular Genetics of Endocrine Disorders</i> , Thakker, R.V., ed., Chapman & Hall Medical, publ., London, England, pp. 389-420 (1997)
	AS	2	Murray, T.M., et al., "Dexamethasone-Treated ROS 17/2.8 Rat Osteosarcoma Cells are Responsive to Human Carboxylterminal Parathyroid Hormone Peptide hPTH (53-84): Stimulation of Alkaline Phosphatase," <i>Calcif. Tissue Int.</i> 49:120-123 (August 1991)
	AT	2	Neugebauer, W., et al., "Solution Structure and Adenylyl Cyclase Stimulating Activities of C-Terminal Truncated Human Parathyroid Hormone Analogues," <i>Biochem.</i> 34:8835-8842 (July 1995)

EXAMINER <i>Sandra Wiegert</i>	DATE CONSIDERED 8/7/01
-----------------------------------	---------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringhurst *et al.*FILING DATE
November 23, 1999GROUP
1645 1647

APR 11 2000

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	10	Orloff, J.J., <i>et al.</i> , "Analysis of PTHRP binding and signal transduction mechanisms in benign and malignant squamous cells," <i>Am. J. Physiol.</i> 262:E599-E607 (May 1992)
	AS	10	Parsons, J.A., <i>et al.</i> , "Pharmacology of parathyroid hormone and some of its fragments and analogues," in <i>Calcium-regulating hormones. Proceedings of the Fifth Parathyroid Conference. Oxford, United Kingdom, July 21-26, 1974</i> , Talmage, R.V., <i>et al.</i> , eds., American Elsevier Publishing Co., Inc., New York, NY, pp. 33-39 (1975)
	AT	10	Pines, M., <i>et al.</i> , "Generation and Characterization of Human Kidney Cell Lines Stably Expressing Recombinant Human PTH/PTHrP Receptor: Lack of Interaction with a C-Terminal Human PTH Peptide," <i>Endocrinol.</i> 135:1713-1716 (October 1994)

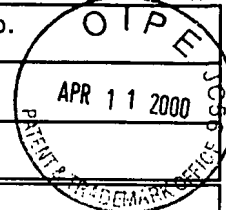
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999GROUP
1646 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	11	Pines, M., et al., "Inositol 1-,4-,5-Trisphosphate-Dependent Ca ²⁺ Signaling by the Recombinant Human PTH/PTHrP Receptor Stably Expressed in a Human Kidney Cell Line," <i>Bone</i> 18:381-389 (April 1996)
	AS	11	Reid, I.R., et al., "Parathyroid hormone acutely elevates intracellular calcium in osteoblastlike cells," <i>Am. J. Physiol.</i> 253:E45-E51 (July 1987)
	AT	11	Rixon, R.H., et al., "Parathyroid Hormone Fragments May Stimulate Bone Growth in Ovariectomized Rats by Activating Adenylyl Cyclase," <i>J. Bone Min. Res.</i> 9:1179-1189 (August 1994)

EXAMINER

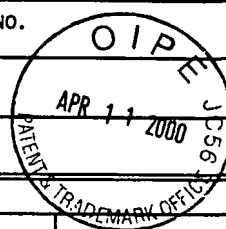
DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999GROUP
1648 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

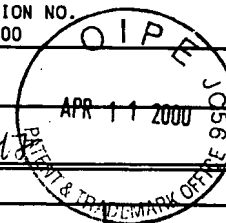
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CITATION (including Author, Title, Date, Pertinent Pages, etc.)			
SLW	AR	12	Schipani, E., et al., "Identical Complementary Deoxyribonucleic Acids Encode a Human Renal and Bone Parathyroid Hormone (PTH)/PTH-Related Peptide Receptor," <i>Endocrinol.</i> 132:2157-2165 (May 1993)
	AS	12	Schneider, H., et al., "Cloning and functional expression of a human parathyroid hormone receptor," <i>Eur. J. Pharmacol.</i> 246:149-155 (July 1993)
	AT	12	Schneider, H., et al., "A C-terminally truncated human parathyroid hormone receptor is functional and activates multiple G proteins," <i>FEBS Letts.</i> 351:281-285 (September 1994)
EXAMINER	Sandra Wiegert		DATE CONSIDERED 8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringhurst *et al.*FILING DATE
November 23, 1999GROUP
1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	13	Segre, G.V., <i>et al.</i> , "Characterization of Parathyroid Hormone Receptors in Canine Renal Cortical Plasma Membranes Using a Radioiodinated Sulfur-free Hormone Analogue," <i>J. Biol. Chem.</i> 254:6980-6986 (August 1979)
	AS	13	Seuwen, K., and Boddeke, H.G.W.M., "Heparin-insensitive calcium release from intracellular stores triggered by the recombinant human parathyroid hormone receptor," <i>Br. J. Pharmacol.</i> 114:1613-1620 (April 1995)
	AT	13	Shukunami, C., <i>et al.</i> , "Chondrogenic Differentiation of Clonal Mouse Embryonic Cell Line ATDC5 In Vitro: Differentiation-dependent Gene Expression of Parathyroid Hormone (PTH)/PTH-related Peptide Receptor," <i>J. Cell Biol.</i> 133:457-468 (April 1996)

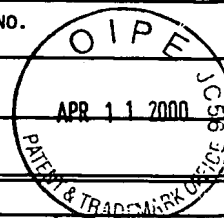
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringhurst *et al.*FILING DATE
November 23, 1999GROUP
1646 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	14	Siegfried, G., <i>et al.</i> , "Parathyroid Hormone Stimulates Ecto-5'-Nucleotidase Activity in Renal Epithelial Cells: Role of Protein Kinase-C," <i>Endocrinol.</i> 136:1267-1275 (March 1995)
	AS	14	Takasu, H., <i>et al.</i> , "The 69-84 Amino Acid Region of the Parathyroid Hormone Molecule Is Essential for the Interaction of the Hormone with the Binding Sites with Carboxyl-Terminal Specificity," <i>Endocrinol.</i> 137:5537-5543 (December 1996)
	AT	14	Takasu, H., and Bringhurst, F.R., "Type-1 Parathyroid Hormone (PTH)/PTH-Related Peptide (PTHrP) Receptors Activate Phospholipase C in Response to Carboxyl-Truncated Analogs of PTH(1-34)," <i>Endocrinol.</i> 139:4293-4299 (October 1998)

EXAMINER

Sandra Wiegand

DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringhurst *et al.*FILING DATE
November 23, 1999GROUP
1646

APR 11 2000

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	15	Takasu, H. <i>et al.</i> , "Human PTH/PTHrP receptors and Type-2 PTH Receptors Show Discordant Selectivity for Human PTH Analogs with Amino-Terminal Modifications," <i>Bone</i> 23:S255, Abstract No. 1223 (November 1998)
	AS	15	Takasu, H., <i>et al.</i> , "Dual Signaling and Ligand Selectivity of the Human PTH/PTHrP Receptor," <i>J. Bone Min. Res.</i> 14:11-20 (January 1999)
	AT	15	Takasu, H. <i>et al.</i> , "Amino-Terminal Modifications of Human Parathyroid Hormone (PTH) Selectively Alter Phospholipase C Signaling via the Type 1 PTH Receptor: Implications for Design of Signal-Specific PTH Ligands," <i>Biochem.</i> 38:13453-13460 (October 1999)

EXAMINER

DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999GROUP
1646

APR 11 2000

PATENT & TRADEMARK OFFICE 9501

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	16	Tamura, T., et al., "Parathyroid Hormone 1-34, But Not 3-34 or 7-34, Transiently Translocates Protein Kinase C in Cultured Renal (OK) Cells," <i>Biochem. Biophys. Res. Comm.</i> 159:1352-1358 (March 1989)
	AS	16	Tregear, G.W., et al., "Bovine Parathyroid Hormone: Minimum Chain Length of Synthetic Peptide Required for Biological Activity," <i>Endocrinol.</i> 93:1349-1353 (December 1973)
	AT	16	Tregear, G.W., and Potts, Jr., J.T., "Synthetic Analogues of Residues 1-34 of Human Parathyroid Hormone: Influence of Residue Number 1 on Biological Potency <i>In Vitro</i> ," <i>Endocrine Res. Comm.</i> 2:561-570 (1975)

EXAMINER

Sandra Wegert

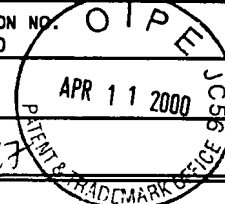
DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001/SRL/TBBAPPLICATION NO.
09/447,800APPLICANT
Bringhurst *et al.*FILING DATE
November 23, 1999GROUP
1646 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	17	Usdin, T.B., <i>et al.</i> , "Identification and Functional Expression of a Receptor Selectively Recognizing Parathyroid Hormone, the PTH2 Receptor," <i>J. Biol. Chem.</i> 270:15455-15458 (June 1995)
	AS	17	Whitfield, J.F., and Morley, P., "Small bone-building fragments of parathyroid hormone: new therapeutic agents for osteoporosis," <i>Trends Pharmacol. Sci.</i> 16:382-386 (November 1995)
	AT	17	Yamamoto, S., <i>et al.</i> , "Parathyroid Hormone-Related Peptide-(1-34) [PTHrP-(1-34)] Induces Vasopressin Release from the Rat Supraoptic Nucleus <i>in Vitro</i> through a Novel Receptor Distinct from a Type I or Type II PTH/PTHrP Receptor," <i>Endocrinol.</i> 138:2066-2072 (May 1997)

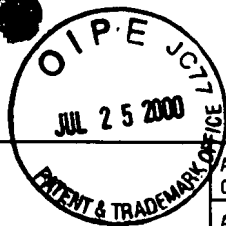
EXAMINER

Sandra Weger

DATE CONSIDERED

8/7/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4630001APPLICATION NO.
09/447,800APPLICANT
Bringham et al.FILING DATE
November 23, 1999GROUP
~~1646~~ 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
SLW	AA1	6,066,618	05/23/2000	Holick, M.F.	514	12	11/13/1998
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED 8/8/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.